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P O BOX 217
HELENA, MONTANA 59601

DONALD A. GARRITY, Attorney
1400 11th AVENUE
HELENA, MONTANA 59601

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Vol. XXVIII No. 6 — JUNE, 1979

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PRODUCTION STATUS

Production of crude oil and condensate from oil and gas areas of Montana for the month of June, 1979, averaged 83,294 barrels daily, an increase of 685 barrels from the average 82,609 production in May, 1979.

The six refineries in the state processed 146,722 barrels of crude oil daily for the month of June, 1979, a decrease of 1,101 barrels from the 147,823 barrels processed daily during the month of May, 1979.

During, June, 43 wells were completed, 14 oil, 10 gas, and 19 dry holes.

During June, the board issued 122 permits to drill new well, an increase of 40 from the 82 permits issued during May, 1979.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JUNE, 1979

IN STORAGE: JUNE 1st.	
By Producers	427,312
By Transporters	1,553,408
By Refiners	913,281
TOTAL STORAGE	2,894,001
Produced in Mont During Month	2,498,830
Imported During Month	3,568,363
TOTAL	8,961,194
DISPOSITION	
Refined in Montana	4,401,649
Exported	1,764,831
Used For Fuel or Lost	12,703
TOTAL	6,179,183
IN STORAGE: JUNE 30th.	
By Producers	397,439
By Transporters	1,478,422
By Refiners	906,150
TOTAL STORAGE	2,782,011

REFINERS MONTHLY REPORT JUNE, 1979

Company	Beginning Storage	Montana Oil	N. Dakota Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Continental Oil Co	223,769	273,936	—	327,707	906,255	1,517,450	214,970
Exxon Company	244,045	46,170	—	684,138	500,178	1,200,826	273,705
Farmers Union	393,641	92,576	—	301,087	758,783	1,183,940	362,147
Kenco Refining	17,744	141,953	212	—	—	134,041	25,868
Philips Petroleum	7,460	101,310	—	—	90,003	193,753	5,020
Wesco Refining Co	26,622	169,457	—	—	—	171,639	24,440
Totals	913,281	825,402	212	1,312,932	2,255,219	4,401,649	906,150

	AVERAGE BARRELS RECEIVED PER DAY					PERCENTAGE OF CRUDE OIL RECEIVED			
	Montana	N Dakota	Wyoming	Canada	Total	Montana	N Dakota	Wyoming	Canada
Year, 1978	24,240	190	47,982	58,545	130,957	18.51%	.14%	36.64%	44.71%
June, 1978	25,914	829	50,005	62,659	139,407	18.59%	.59%	35.87%	44.95%
June, 1979	27,514	7	43,764	75,174	146,459	18.79%	.00%	29.88%	51.33%

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PRODUCERS' REPORT — MONTH OF JUNE, 1979

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
1	Anvil	1	568	11,740	10,640	—	1,668
5	Arch Apex	6	2,127	2,415	2,893	—	1,649
2	Ash Creek	3	252	759	604	—	407
1	Bainville	1	3,184	20	—	—	3,204
1	Bainville, West	1	944	452	296	—	1,100
5	Bannatyne	10	575	337	454	—	458
5	Bears Den	6	1,670	752	232	—	2,190
15	Bell Creek	158	15,580	466,627	466,691	—	15,516
—	Benrud	—	326	—	—	—	326
3	Benrud, East	3	1,350	6,748	6,466	—	1,632
1	Benrud, Northeast	1	1,379	815	1,362	—	832
—	Berthelote	—	405	—	194	—	211
2	Big Gully	2	255	601	502	—	354
1	Big Gully, North	1	360	496	677	4	175
3	Big Muddy Creek	3	3,043	3,714	4,842	—	1,915
5	Big Wall	11	609	8,855	8,328	—	1,136
1	Big Wall, North	1	181	114	218	1	76
1	Blackfoot	6	516	1,469	1,597	—	388
1	Blue Hill	1	1,317	1,955	2,096	—	1,176
5	Border	9	1,174	1,263	1,561	—	876
1	Boulder	1	992	1,004	1,282	—	714
1	Bowes	55	5,057	10,975	10,649	—	5,383
2	Bradley	2	945	673	922	—	696
1	Brady	1	—	250	250		—
2	Breed Creek	2	563	13,511	12,890	—	1,184
4	Brorson-Madison	4	1,408	2,466	2,274	—	1,600
3	Brorson-Red River	3	5,215	2,441	2,107	—	5,549
4	Brorson-Red River, S	4	2,685	6,247	6,281	—	2,651
4	Brorson, Southeast	4	1,327	2,826	2,952	—	1,201
4	Brush Lake	4	853	7,375	7,170	—	1,058
2	Burns Creek	2	300	413	—	—	713
2	Cabin Creek	73	—	122,942	122,942	—	—
2	Canal	2	981	2,026	2,064	—	943
2	Carlyle	2	573	4,952	4,860	—	665
10	Cat Creek	58	3,122	7,530	7,960	—	2,692
2	Charlie Creek	2	1,093	13,594	13,601	—	1,086
1	Clark's Fork	1	153	45	172	—	26
2	Clark's Fork, North	2	742	266	430	—	578
1	Clark's Fork, South	1	1,015	210	603	—	622
6	Clear Lake	8	2,986	22,329	22,066	—	3,249
1	Colored Canyon	1	726	4,865	5,168	—	423
1	Conrad, South	1	90	216	216	—	90
1	Cow Creek	1	376	466	564	—	278
9	Cow Creek, East	11	6,970	12,748	15,477	—	4,241
1	Crane	1	545	3,237	2,928	—	854
2	Culbertson	2	1,170	6,581	6,155	—	1,596
8	Cupton	11	5,723	8,300	9,438	—	4,585
94	Cut Bank	933	36,354	125,258	126,724	41	34,847
1	Dagmar	2	658	7,085	6,970	—	773
1	Dean Dome	1	1,944	296	1,200	596	444
1	Deer Creek	1	627	551	473	—	705
—	Delphia	—	129	—	—	—	129
—	Devils Basin	—	114	—	—	—	114
6	Dry Creek	6	1,016	1,116	1,574	49	509
1	Dry Creek, West	1	84	610	277	—	417
2	Dwyer	10	4,410	10,542	11,130	—	3,822
2	Eagle	2	894	1,636	1,401	—	1,129
3	Elk Basin	53	561	82,258	82,297	—	522
2	Elk Basin, Northwest	4	1,354	1,302	1,120	—	1,536
1	Enid, North	1	1,697	2,603	3,072	—	1,228
4	Fairview	8	9,013	18,001	19,591	—	7,423
1	Fertile Prairie	1	516	291	303	—	504
3	Flat Coulee	19	1,702	11,949	11,972	—	1,679
7	Flat Lake	47	2,903	46,571	47,725	—	1,749
4	Flat Lake, South	4	1,576	3,101	3,415	—	1,262
2	Fort Gilbert	3	1,016	2,596	2,725	—	887
1	Four Mile Creek	1	1,040	3,003	3,367	—	676
2	Four Mile Creek, West	2	1,837	6,842	7,249	—	1,430
1	Fox Creek	1	829	3,492	3,723	—	598
1	Fox Creek, North	1	1,669	771	1,150	—	1,290
1	Frannie	1	—	270	270	—	—
12	Fred & George Creek	33	5,126	28,776	29,157	—	4,745
1	Frog Coulee	1	560	6,013	6,266		307
1	Froid, South	1	651	331	332	—	650
1	Gage	1	101	124	181	—	44
3	Gas City	10	3,010	7,419	6,097	—	4,332
—	Girard	—	1,275	—	—	—	1,275
11	Glendive	14	2,871	15,539	16,020	—	2,390
—	Golden Dome	—	331	—	—	—	331
12	Goose Lake	31	5,247	17,339	18,970	—	3,616
10	Graben Coulee	37	4,471	2,891	3,362	39	3,961
1	Grandview, East	1	137	246	—	—	383
2	Gumbo Ridge	4	1,614	3,822	4,919	—	517
5	Gypsy Basin	9	1,461	1,284	1,543	340	862
1	Hay Creek-Mission	1	285	756	699	—	342
2	Hay Creek-Red River	2	1,707	2,304	2,223	—	1,788
4	Hiawatha	4	4,165	3,205	6,155	—	1,215
1	Hibbard	1	793	124	—	—	917
8	High Five	14	2,955	18,370	17,345	—	3,980
1	Highview	1	12	5	—	—	17
—	Horse Creek	—	352	—	—	—	352
2	Howard Coulee	2	1,275	1,251	1,836	—	690
4	Ivanhoe	9	719	2,302	2,307	49	714
—	Jackass Butte	—	514	—	—	—	514
2	Jim Coulee	15	7,646	16,998	22,298	—	2,346
6	Keg Coulee	18	6,435	7,757	7,850	49	6,293
3	Keg Coulee, North	3	1,011	1,507	1,706	17	795
1	Kelley	1	1,632	838	2,232	—	238
116	Kevin Sunburst	577	14,678	32,358	32,228	40	14,768
1	Laird Creek	9	931	1,481	1,716	—	696
4	Leary	4	2,528	1,429	1,832	12	2,113
2	Little Beaver	23	402	32,463	32,463	—	402
2	Little Beaver, East	10	2,127	9,790	9,821	—	2,096
14	Little Wall Creek	18	4,417	17,938	17,161	35	5,159

PRODUCERS' REPORT — MONTH OF JUNE, 1979 — (Continued)

Leases	Field	No of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
1	Lodge Grass	1	585	642	432	—	795
1	Lone Butte	1	1,056	2,001	2,306	—	751
7	Lonetree Creek	8	3,331	18,049	16,677	—	4,703
1	Long Creek	1	338	462	460	—	340
2	Long Creek, West	2	1,113	3,755	3,909	—	959
3	Lookout Butte (Coral Creek)	31	700	51,908	51,708	—	900
9	Mason Lake	11	1,875	13,892	14,707	—	1,060
1	Mason Lake, North	1	317	119	223	—	213
1	McCabe	1	310	2,299	2,434	—	175
2	Medicine Lake	4	1,069	12,428	11,640	—	1,857
6	Melstone	10	1,733	11,579	11,731	—	1,581
1	Mineral Bench	1	702	285	421	—	566
2	Miners Coulee	2	874	398	—	—	1,272
19	Mon Dak West	19	18,595	92,291	97,094	—	13,792
9	Monarch	14	4,154	8,822	9,580	—	3,396
3	Mosser	10	—	548	548	—	—
1	Nohly	2	413	6,349	6,016	—	746
1	North Fork	2	1,235	3,604	3,512	—	1,327
4	Otis Creek	4	1,565	2,368	1,942	160	1,831
5	Outlook	5	1,550	15,198	14,307	—	2,441
1	Outlook, South	1	1,052	657	849	—	860
1	Outlook, West	1	1,405	260	—	—	1,665
1	Oxbow	1	1,452	6,749	7,346	—	855
1	Pelican	1	385	2,122	2,320	—	187
1	Pennel	115	1,050	251,495	251,700	—	845
1	Pete Creek	1	149	69	—	—	218
2	Phantom	2	987	2,140	2,065	—	1,062
4	Pine	96	13,778	172,757	172,994	—	13,541
1	Pine, East	1	197	334	—	—	531
53	Pondera	265	6,864	21,441	18,639	—	9,666
6	Poplar	66	8,551	20,600	22,964	—	6,187
11	Poplar, Northwest	16	4,061	10,137	10,820	—	3,378
1	Prairie Elk	1	980	520	—	—	1,500
1	Prichard Creek	4	621	297	—	—	918
1	Putnam	2	419	3,541	3,723	—	237
7	Putnam, East	7	3,280	27,201	23,940	2,698	3,843
3	Rabbit Hills	3	2,659	3,792	4,540	—	1,911
9	Ragged Point	23	4,585	4,964	5,179	5	4,365
2	Rattler Butte	2	688	1,528	1,756	—	460
2	Rattlesnake Coulee	2	618	219	—	—	837
2	Raymond	5	2,327	16,538	16,779	—	2,086
1	Raymond, Northeast	1	343	1,427	882	—	888
3	Reagon	46	1,188	20,231	20,647	—	772
1	Red Creek	19	—	6,455	6,455	—	—
1	Red Fox	1	367	122	345	—	144
1	Redstone	1	724	111	744	—	91
1	Repeat	1	243	1,140	1,097	—	286
4	Reserve	4	2,407	4,440	5,012	—	1,835
1	Richey	1	417	472	428	—	461
1	Richey, Southwest	4	676	706	562	—	820
1	Ridgelawn	1	753	2,795	2,961	—	587
2	RipRap Coulee	2	1,137	1,142	1,376	—	903
1	Rocky Point	1	161	669	314	—	516
4	Rosebud	4	920	1,735	1,732	—	923
1	Rudyard	1	—	887	474	—	413
1	Rush Mountain	1	413	1,129	1,169		373
2	Salt Lake	3	674	2,145	2,413	—	406
2	Sand Creek	4	318	2,420	2,420	—	318
4	Second Creek	4	2,844	6,668	7,652	—	1,860
2	Sheepherder	2	550	255	453	1	351
1	Shotgun Creek, North	1	306	1,560	1,548	—	318
12	Sidney	12	4,298	12,865	12,150	—	5,013
1	Singletree	1	772	4,533	4,764	—	541
7	Sioux Pass	7	4,713	18,385	18,325	—	4,773
—	Sioux Pass, East	—	55	—	—	—	55
4	Sioux Pass, Middle	4	3,537	16,265	16,596	—	3,206
6	Sioux Pass, North	6	6,036	16,982	19,084	—	3,934
1	Snyder	3	629	522	195	—	956
9	Soap Creek	23	1,427	3,693	4,376	—	744
2	Soap Creek, East	3	703	1,649	1,417	—	935
3	South Fork	3	1,906	12,351	12,283	—	1,974
1	Spring Lake	2	1,166	978	884	—	1,260
1	Stensvad	3	2,540	631	—	—	3,171
30	Sumatra	89	10,932	117,625	118,759	13	9,785
3	Sunnyhill	3	1,721	2,074	2,939	—	856
—	Tippy Buttes	—	56	—	—	—	56
5	Tule Creek	5	2,844	10,676	8,981	—	4,539
1	Tule Creek, East	1	501	601	—	—	1,102
1	Tule Creek, South	1	1,199	252	414	—	1,037
3	Utopia Swift	11	1,194	5,297	5,810	—	681
12	Vaux	12	7,281	25,155	24,970	—	7,466
1	Vida	1	202	134	134	—	202
5	Volt	6	2,695	7,615	6,486	—	3,824
1	Wagon Box	1	129	148	—	—	277
1	Weed Creek	1	233	22	—	—	255
2	Weldon	2	1,563	1,016	1,427	—	1,152
1	West Butte	1	188	601	353	—	436
30	Whitlash	55	12,638	13,212	14,599	236	11,015
1	Whitlash, West	1	303	118	79	—	342
1	Willow Creek, North	1	677	651	760	—	568
1	Willow Ridge	3	—	402	402		—
3	Wills Creek, South	3	—	3,132	3,132	—	—
2	Winnett Junction	6	421	6,088	6,008	—	501
3	Wolf Springs	3	2,006	2,437	2,776	—	1,667
—	Womans Pocket	—	271	—	—	—	271
2	Woodrow	2	391	2,615	1,638	—	1,368
2	Wright Creek	3	1,469	923	1,263	—	1,129
—	Wildcat, McCone County	—	52	—	—	—	52
7	Wildcat, Richland County	7	2,762	10,348	8,626	—	4,484
1	Wildcat, Sheridan Co.	1	731	15,543	15,271		1,003
—	Wildcat, Toole County	—	200	—	—	—	200
902	TOTAL	3,572	427,312	2,498,830	2,524,367	4,336	397,439

See back page for oil production, shipping and storage summaries

NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA AT 14.73 PSIA and 60°F.—MONTH OF JUNE, 1979

Field	MC. FT.
NATURAL:	
Alma	712
Arch Apex	28,376
Badlands	34,848
Battle Creek	276,523
Bear's Den	7,700
Big Coulee	58,773
Big Rock	23,975
Black Coulee	3,008
Blackjack	19,027
Bowdoin & Area	515,229
Bowes	78,106
Brown's Coulee	399
Bullwacker & Area	7,694
Canadian Coulee & Area	44,486
Cedar Creek	130,785
Chain Lakes	2,526
Chip Creek	1,962
Clark's Fork, North	391
Coal Coulee	3,614
Cut Bank	100,321
Dry Creek	80,009
Dry Creek, Middle	3,472
Dunkirk North	19,594
East Chinook	3,261
Flat Coulee	3,397
Fred & George	10,440
Fresno & Area	35,171
Gold Butte	—
Grandview	27,457
Gypsy Basin	53,364
Hardin	3,009
Haystack Butte	10,787
Highview	7,952
Keith Block	37,003
Kevin Sunburst	36,539
Kevin Sunburst Nisku & Area	23,182
Kicking Horse	11,179
Kinyon Coulee Area	4,976
Lake Basin	4,596
Ledger	36,111
Leroy	91,821
Liscom Creek	19,575
Lohman	10,015
Marias River	37,429
Middle Butte	5,750
Miners Coulee	17,383
Mt. Lilly	9,200
Phantom	21,427
Plevna	2,602
Prairie Dell	66,573
Pumpkin Creek	24,073
Rapelje	14,216
Rocky Boy Area	10,822
Rudyard	43,607
Sage Creek	1,269
Sawtooth Mountain & Area	115,329
Sherard	69,178
Snoose Coulee	7,220
South Devon	3,537
Strawberry Creek Area	4,236
Swanson Creek	3,932
Three Mile	1,209
Tiger Ridge	1,216,560
Trail Creek	—
Utopia	3,727
West Butte	—
Whitlash	101,790
Willow Ridge	12,020
TOTAL NATURAL GAS	3,664,454

Field	MC. Ft.
ASSOCIATED:	
Bell Creek	31,894
Big Muddy Creek	3,355
Blue Hill	1,882
Cabin Creek	17,268
Charlie Creek	2,575
Clark's Fork South	13,566
Culbertson	6,663
Eagle	544
Elk Basin	6,250
Fairview	23,630
Four Mile Creek	2,649
Four Mile Creek, West	5,494
Glendive	311
Lookout Butte (Coral Creek)	9,539
Mon Dak West	36,287
Otis Creek	1,355
Pennel	7,120
Richland	68,095*
Single Tree	5,829
Sioux Pass	15,233
Sioux Pass, East	—
Sioux Pass, Middle	8,557
Sioux Pass, North	14,982
Sumatra	3,075
Tule Creek	2,069
Vaux	875
TOTAL ASSOCIATED GAS	289,097
TOTAL WITHDRAWALS	3,953,551

Total withdrawals for June, 1978 were 3,350,177 MCF.

*Includes such fields as Benrud, Brorson, Ft. Gilbert, Hay Creek, Lone Butte, Lone Tree, Red Fox & Second Creek.

Total oil produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1978	30,467,337	83,472	30,316,941	83,060
1st Quarter, 1979	6,992,797	77,698	7,014,545	77,939
April, 1979	2,390,715	79,691	2,361,613	78,720
May, 1979	2,560,867	82,609	2,562,574	82,664
June, 1979	2,498,830	83,294	2,524,367	84,146

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage	Total In Storage
December	428,559	1,432,743	935,266	2,796,568
March, 1979	403,818	1,425,052	860,312	2,689,182
April, 1979	432,410	1,533,755	1,221,795	3,187,960
May, 1979	427,312	1,553,408	913,281	2,894,001
June, 1979	397,439	1,478,422	906,150	2,782,011